

## INDUSTRIAL COMPONENT DATA

# SFP 1-20/230AC 2859987 PHOENIX CONTACT EMC filter surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: SFP 1-20/230AC



|                 |                                                |
|-----------------|------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                |
| MPN / Reference | SFP 1-20/230AC                                 |
| Catalog number  | 2859987                                        |
| Category        | Surge protection device for terminal equipment |
| Minimum order   | 1 Pcs                                          |
| Document ID     | EO-CF4E00B7C1                                  |
| Generated       | 2026-08-04                                     |

## Product Overview

EMC filter surge protection device

Device protection, according to type 3/class III, with mains parasitic filter against high-frequency edging voltages, for single-phase power supply networks with separate N and PE (3-conductor system: L1, N, PE), with remote indication contact.

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                                 |
|--------------|---------------------------------|
| Catalog path | PHOENIX CONTACT > Trabtech (TT) |
|--------------|---------------------------------|

## Additional Product Information

Key Commercial Data

Orderkey 2859987

Packing unit 1 pc

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GTIN 4046356098175

Weight per Piece (excluding packing) 616.000 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 86.6 mm

Width 112 mm

Depth 79 mm

Ambient conditions

Degree of protection IP20

Ambient temperature (operation) -25 °C ... 70 °C

Ambient temperature (storage/transport) -25 °C ... 70 °C

Permissible humidity (operation) 5 % ... 95 %

General

EN type T3

Number of ports Two

Mode of protection L-N

L-PE

N-PE

Mounting type DIN rail: 35 mm

Color black

silver

Housing material Aluminum

Degree of pollution 2

Flammability rating according to UL 94 V-0

Type DIN rail module, one-piece

Number of positions 2

Surge protection fault message Optical, remote indicator contact

For country-specific use in D, A, I, NL, S, E, FIN, P

Protective circuit

Nominal voltage UN 240 V AC (TN)

240 V AC (TT - only in use with RCD)

240 V AC (IT - only in use with RCD)

Nominal frequency fN 50 Hz (60 Hz)

Maximum continuous voltage UC 264 V AC

Rated load current IL 20 A (40 °C)

Residual current IPE ≤ 0.6 mA

Nominal discharge current In(8/20) μs 5 kA

Standby power consumption PC ≤ 25 VA (at UREF)

≤ 27.5 VA (at UC)

Reference test voltage UREF 264 V AC

Combination wave UOC 10 kV (5 kA)

Voltage protection level Up ≤ 1 kV

TOV behavior at UT(L-N) 350 V AC (5 s / withstand mode)

457 V AC (120 min / safe failure mode)

TOV behavior at UT(L-PE) 457 V AC (5 s / withstand mode)

350 V AC (120 min /....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SFP 1-20/230AC with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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